

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124094.D
 Acq On : 27 May 2021 16:08
 Operator : JU/CG
 Sample : M2535-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-2DDL

Quant Time: May 27 16:30:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

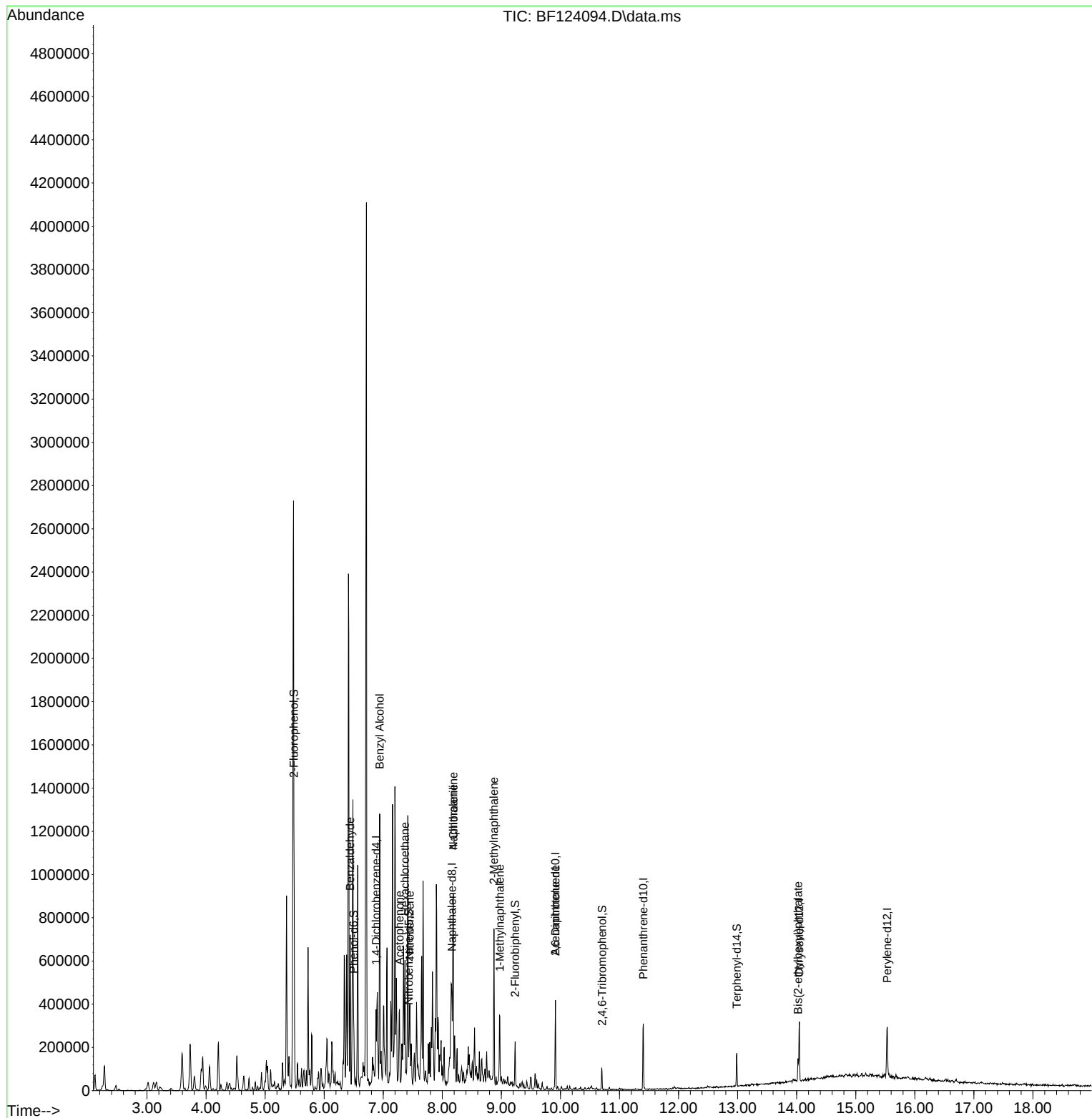
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	38393	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	131783	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	66362	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	107303	20.00	ng	# 0.00
76) Chrysene-d12	14.045	240	83791	20.00	ng	0.00
86) Perylene-d12	15.533	264	99885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	33963	12.42	ng	0.00
7) Phenol-d6	6.498	99	40560	11.43	ng	-0.01
23) Nitrobenzene-d5	7.433	82	31608	10.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	10898	13.67	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	51761	9.60	ng	0.00
79) Terphenyl-d14	12.986	244	42187	7.63	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	23703	15.44	ng	# 1
15) Benzyl Alcohol	6.939	79	35664	11.64	ng	# 10
18) Hexachloroethane	7.369	117	13356	10.62	ng	# 1
22) Acetophenone	7.275	105	87549	23.40	ng	# 51
24) Nitrobenzene	7.451	77	8227	2.63	ng	# 30
31) Naphthalene	8.186	128	232864	29.86	ng	99
33) 4-Chloroaniline	8.186	127	32129	10.82	ng	# 42
37) 2-Methylnaphthalene	8.875	142	149548	28.29	ng	94
38) 1-Methylnaphthalene	8.975	142	64825	13.14	ng	94
51) 2,6-Dinitrotoluene	9.916	165	10321	9.63	ng	# 10
84) Bis(2-ethylhexyl)phtha...	14.021	149	25424	6.18	ng	98

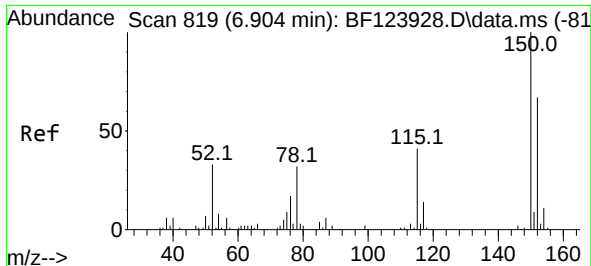
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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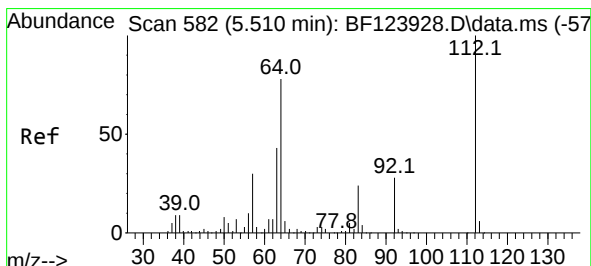
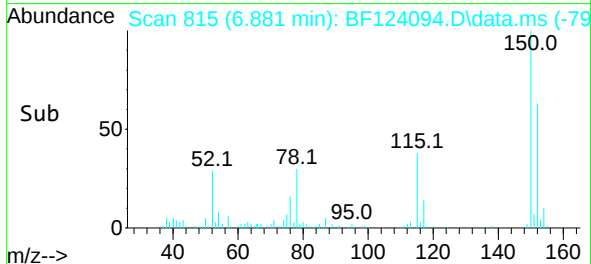
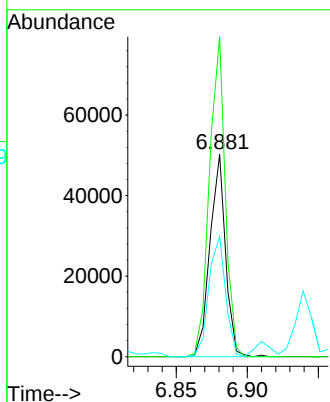
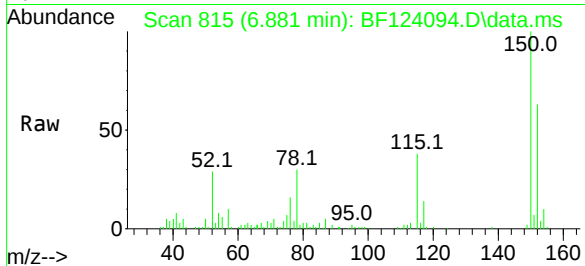




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

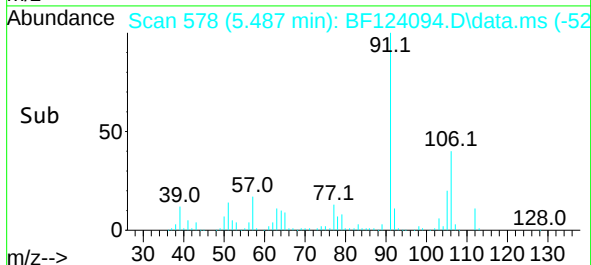
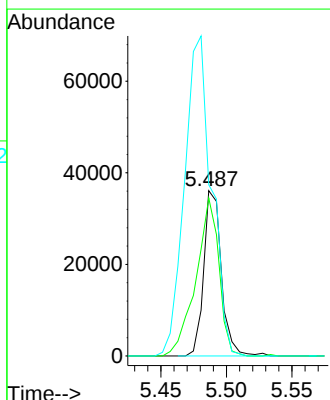
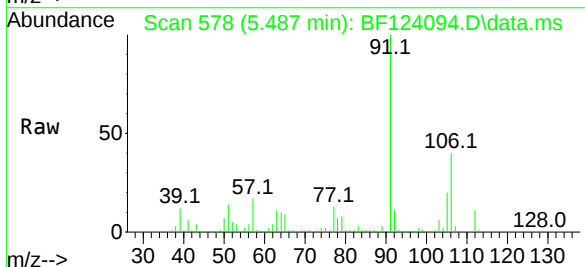
Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

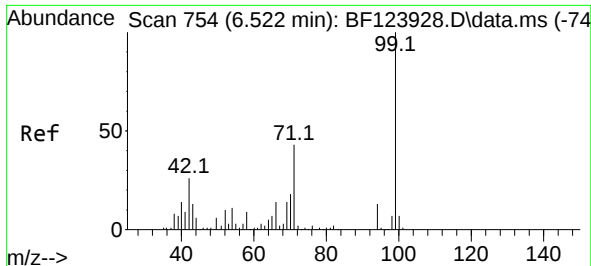
Tgt Ion:152 Resp: 38393
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 59.5 54.3 81.5



#5
2-Fluorophenol
Concen: 12.42 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion:112 Resp: 33963
Ion Ratio Lower Upper
112 100
64 95.6 61.4 92.0#
63 103.6 33.0 49.4#

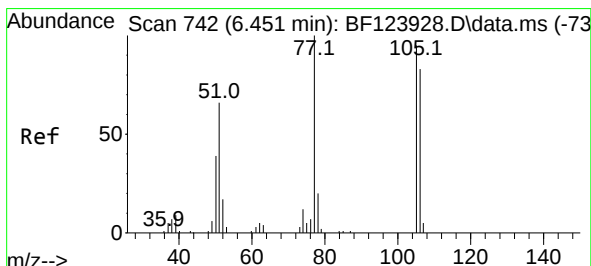
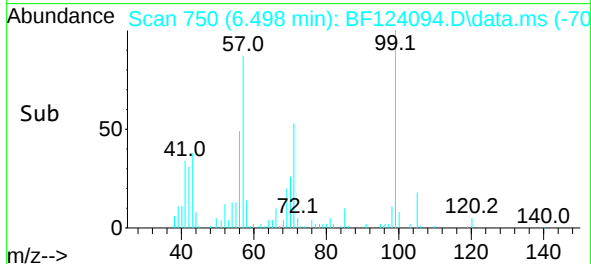
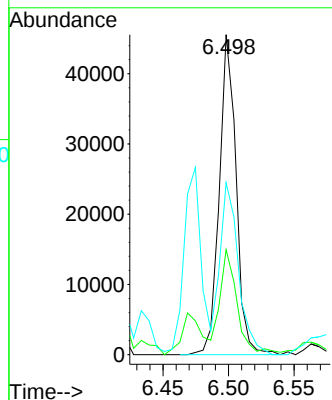
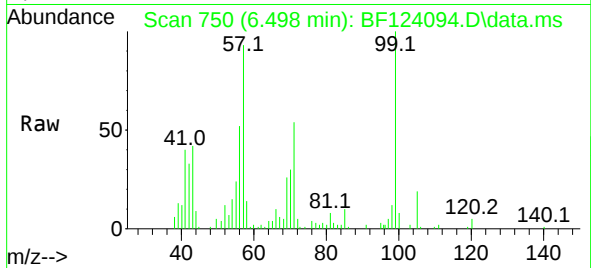




#7
Phenol-d6
Concen: 11.43 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

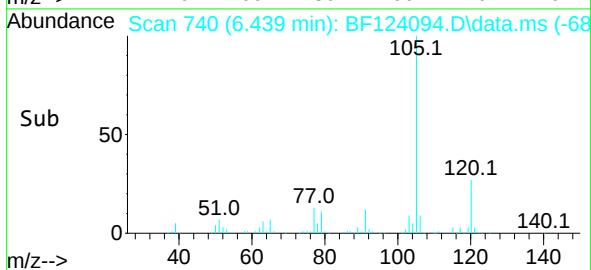
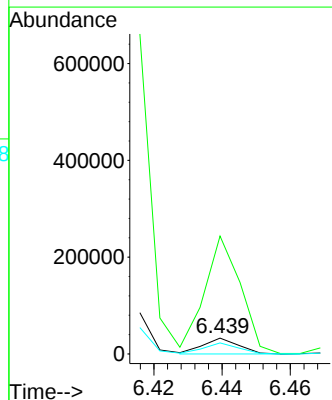
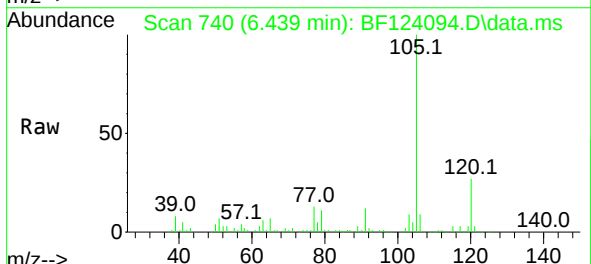
Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

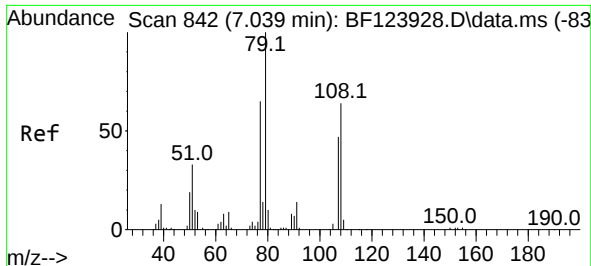
Tgt Ion: 99 Resp: 40560
Ion Ratio Lower Upper
99 100
42 32.8 19.8 29.8#
71 53.8 31.1 46.7#



#9
Benzaldehyde
Concen: 15.44 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.012 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion: 77 Resp: 23703
Ion Ratio Lower Upper
77 100
105 746.5 75.2 115.2#
106 70.2 71.6 111.6#





#15

Benzyl Alcohol

Concen: 11.64 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.077 min

Lab File: BF124094.D

Acq: 27 May 2021 16:08

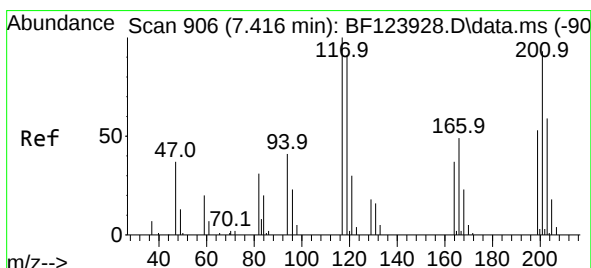
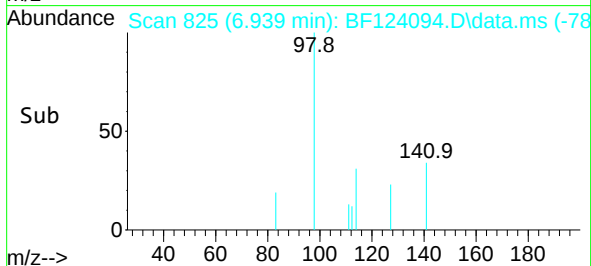
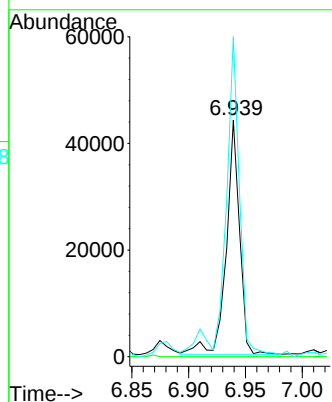
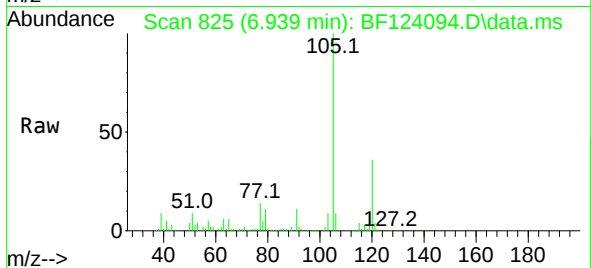
Tgt Ion:	79	Resp:	35664
Ion Ratio	Lower	Upper	
79	100		
108	0.0	55.8	83.8#
77	135.4	49.9	74.9#

Instrument :

BNA_F

ClientSampleId :

GHOST-2DDL



#18

Hexachloroethane

Concen: 10.62 ng

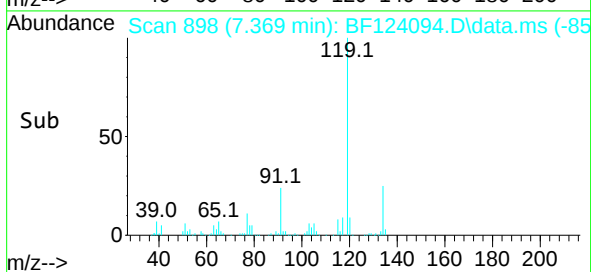
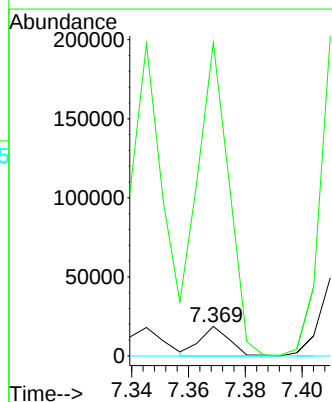
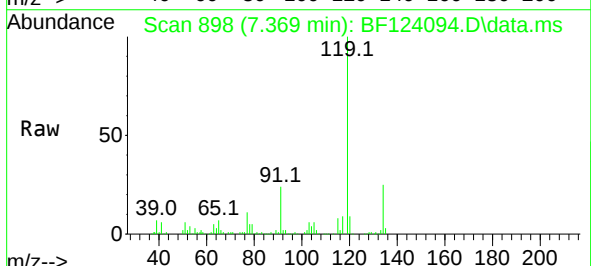
RT: 7.369 min Scan# 898

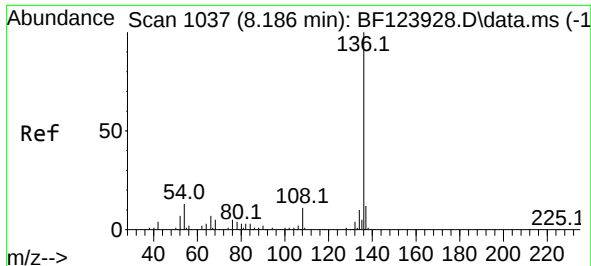
Delta R.T. -0.024 min

Lab File: BF124094.D

Acq: 27 May 2021 16:08

Tgt Ion:	117	Resp:	13356
Ion Ratio	Lower	Upper	
117	100		
119	1059.6	77.8	116.8#
201	0.0	67.8	101.8#

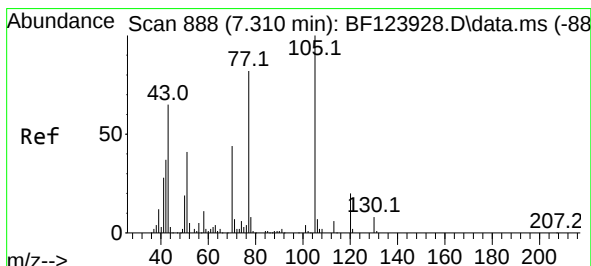
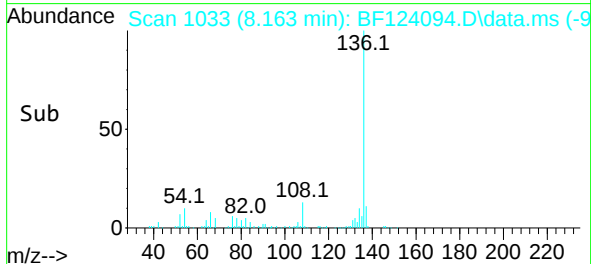
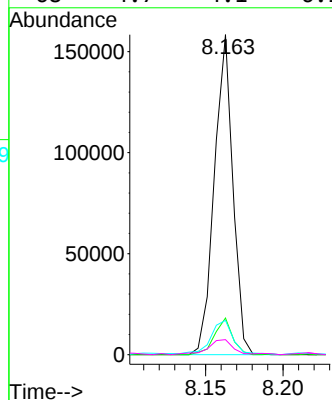
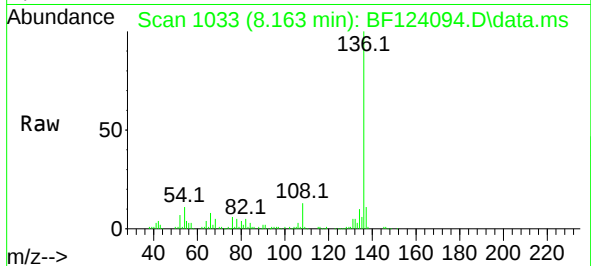




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

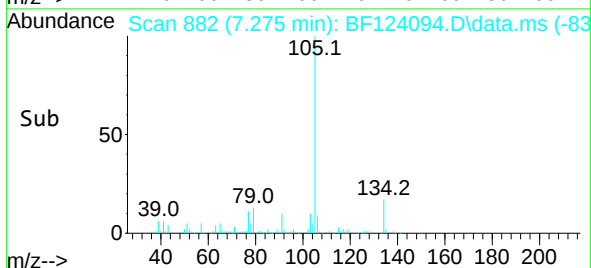
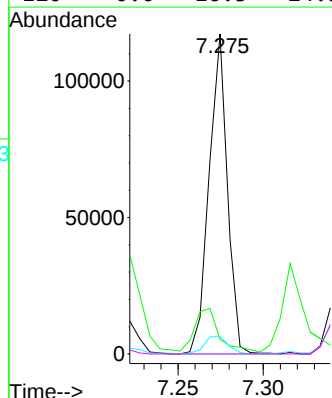
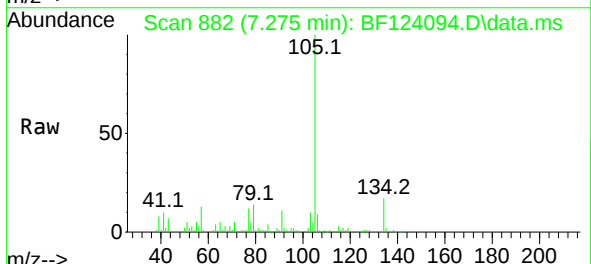
Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

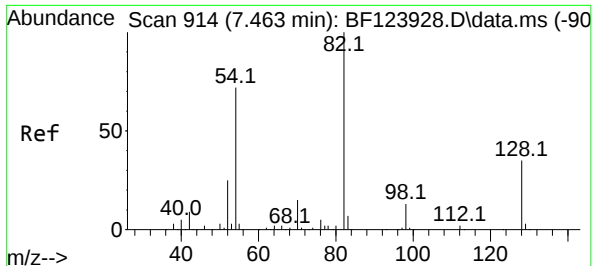
Tgt	Ion:136	Resp:	131783
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.7	9.8	14.6
68	4.7	4.1	6.1



#22
Acetophenone
Concen: 23.40 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt	Ion:105	Resp:	87549
Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.2	6.4
51	5.4	33.6	50.4#
120	0.0	16.3	24.5#





#23

Nitrobenzene-d5

Concen: 10.33 ng

RT: 7.433 min Scan# 909

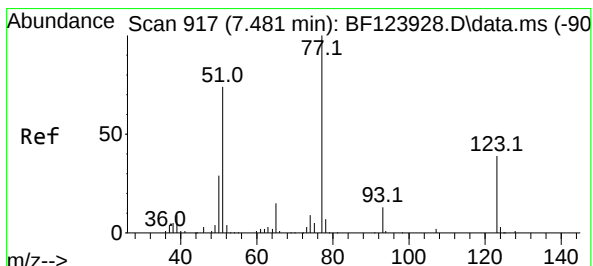
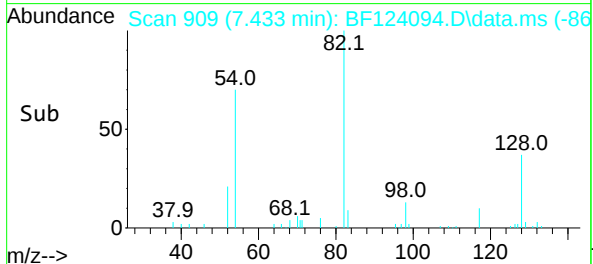
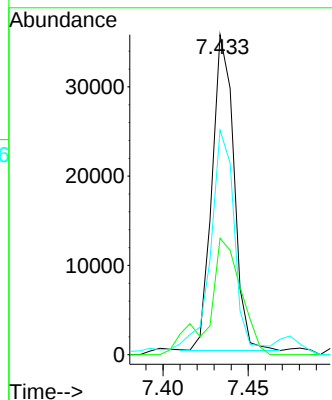
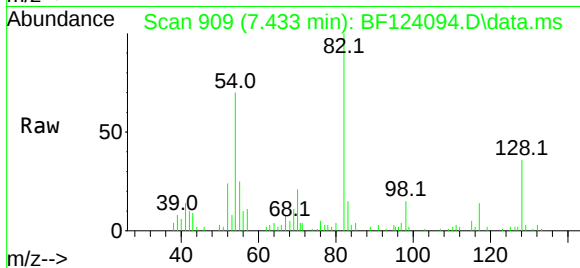
Delta R.T. -0.012 min

Lab File: BF124094.D

Acq: 27 May 2021 16:08

Tgt Ion:	82	Resp:	31608
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.4	44.2
54	70.2	54.1	81.1

Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL



#24

Nitrobenzene

Concen: 2.63 ng

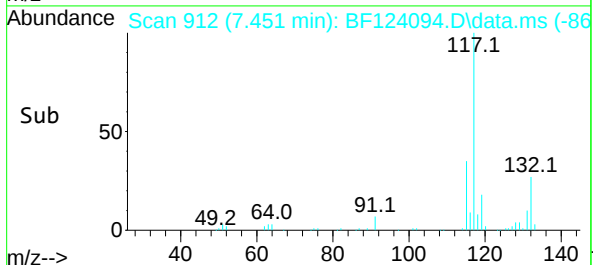
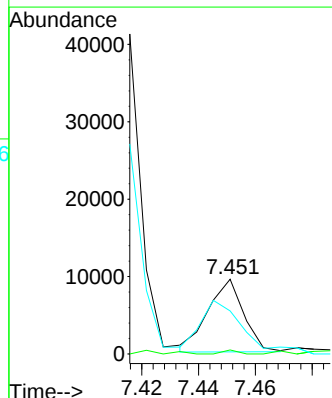
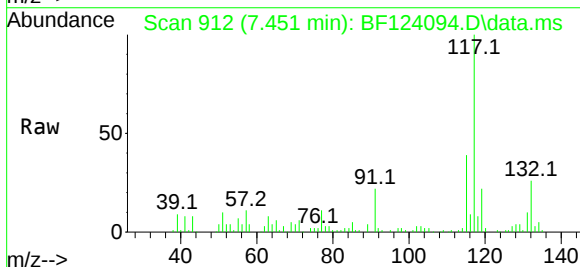
RT: 7.451 min Scan# 912

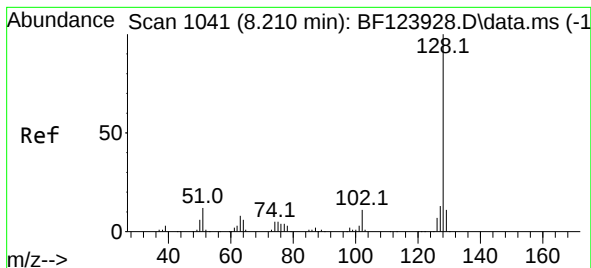
Delta R.T. -0.012 min

Lab File: BF124094.D

Acq: 27 May 2021 16:08

Tgt Ion:	77	Resp:	8227
Ion	Ratio	Lower	Upper
77	100		
123	5.5	34.5	51.7#
65	57.7	12.2	18.2#





#31

Naphthalene

Concen: 29.86 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.000 min

Lab File: BF124094.D

Acq: 27 May 2021 16:08

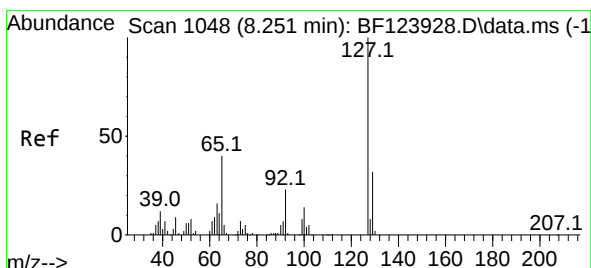
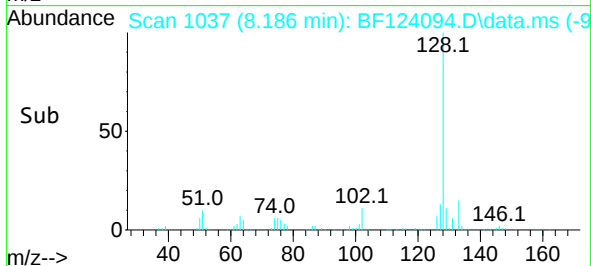
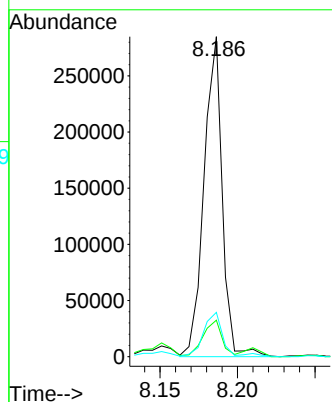
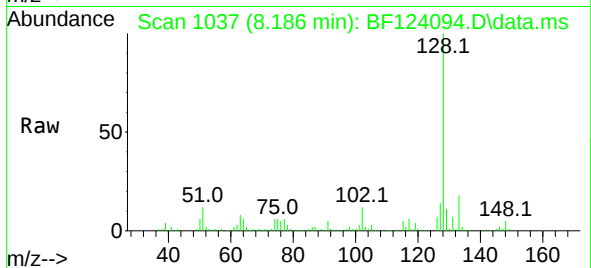
Tgt Ion:	128	Resp:	232864
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.8	10.8	16.2

Instrument :

BNA_F

ClientSampleId :

GHOST-2DDL



#33

4-Chloroaniline

Concen: 10.82 ng

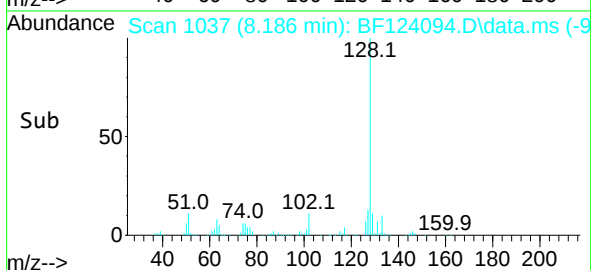
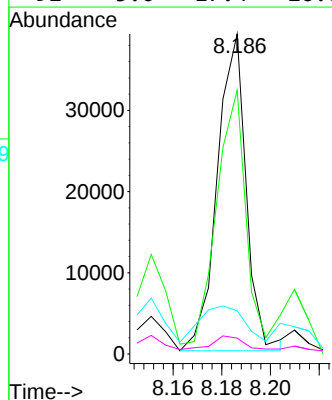
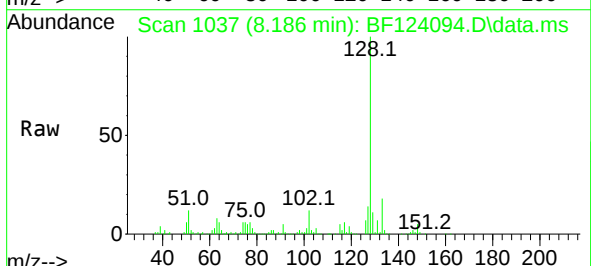
RT: 8.186 min Scan# 1037

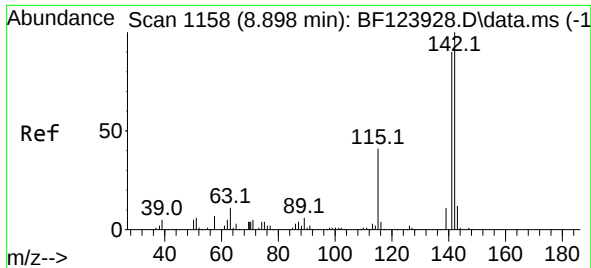
Delta R.T. -0.047 min

Lab File: BF124094.D

Acq: 27 May 2021 16:08

Tgt Ion:	127	Resp:	32129
Ion	Ratio	Lower	Upper
127	100		
129	82.4	25.7	38.5#
65	13.5	34.5	51.7#
92	5.0	17.4	26.0#

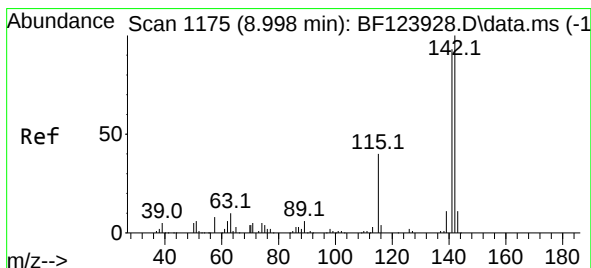
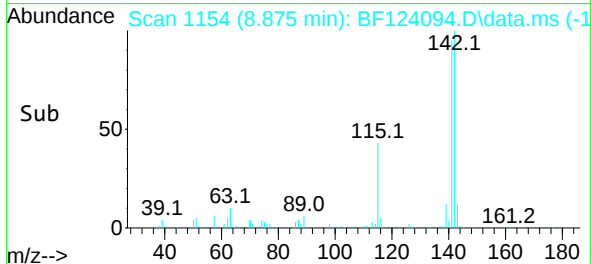
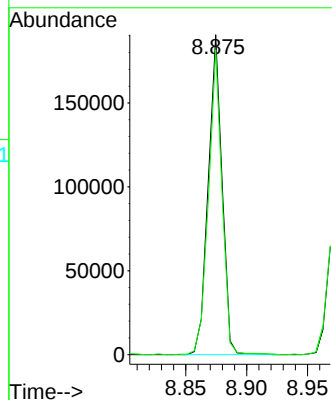
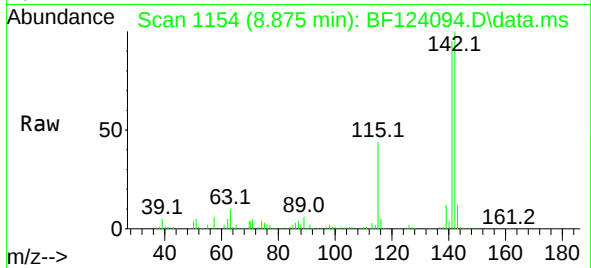




#37
2-Methylnaphthalene
Concen: 28.29 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

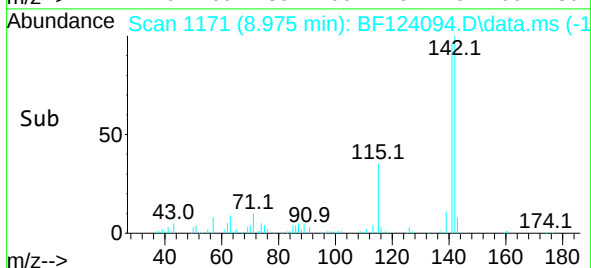
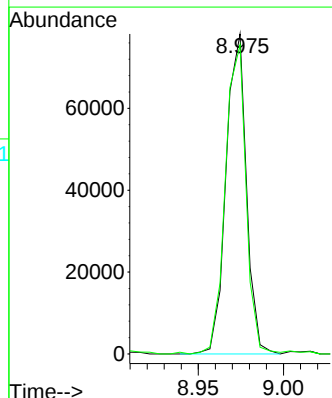
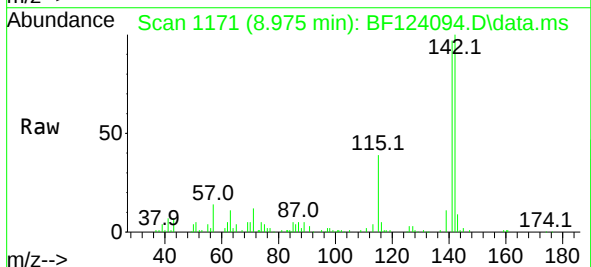
Instrument :
BNA_F
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GHOST-2DDL

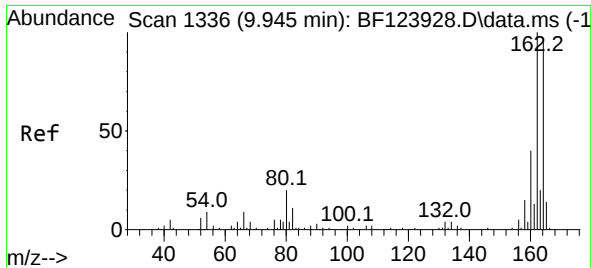
Tgt Ion:142 Resp: 149548
Ion Ratio Lower Upper
142 100
141 95.3 71.8 107.6



#38
1-Methylnaphthalene
Concen: 13.14 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion:142 Resp: 64825
Ion Ratio Lower Upper
142 100
141 96.6 72.8 109.2

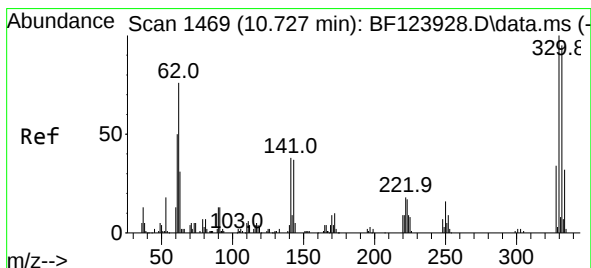
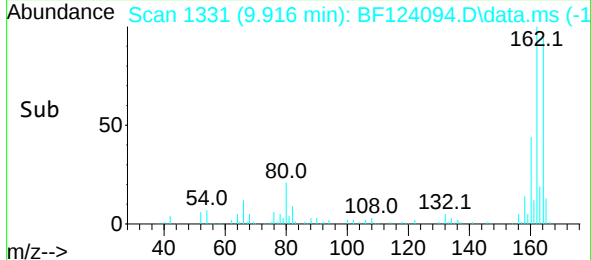
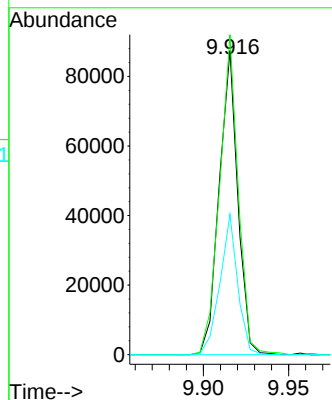
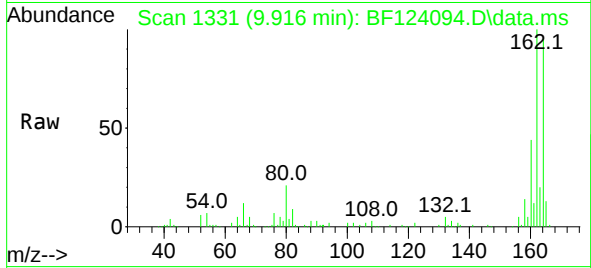




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

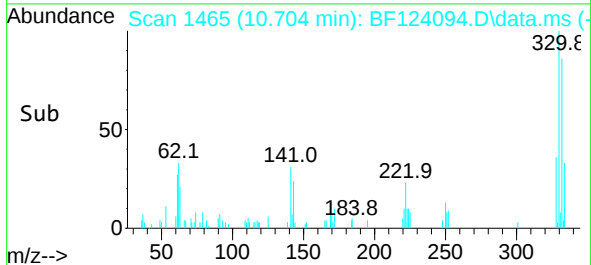
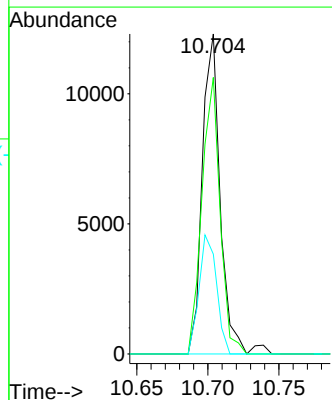
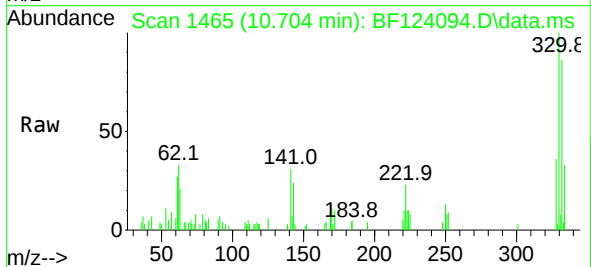
Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

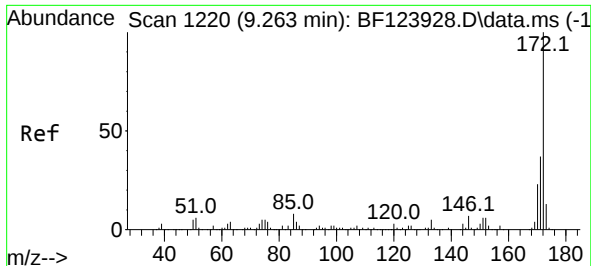
Tgt Ion:164 Resp: 66362
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 46.2 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 13.67 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion:330 Resp: 10898
Ion Ratio Lower Upper
330 100
332 86.7 77.1 115.7
141 36.0 27.9 41.9

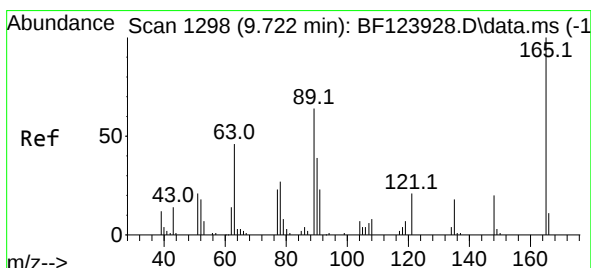
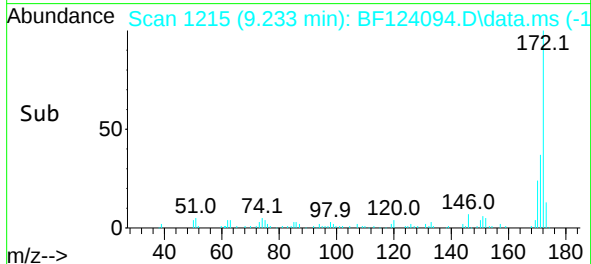
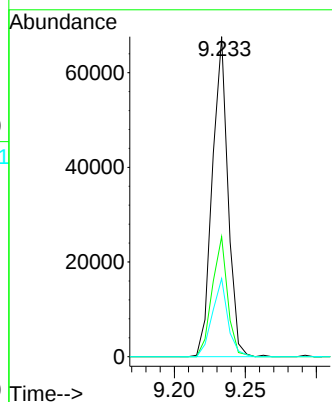
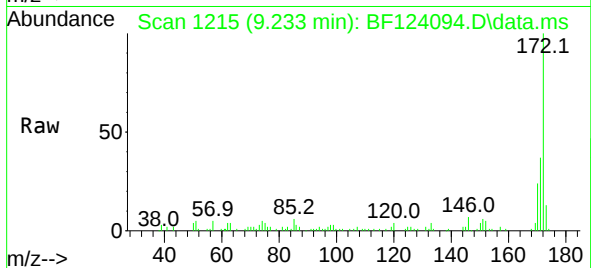




#45
2-Fluorobiphenyl
Concen: 9.60 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

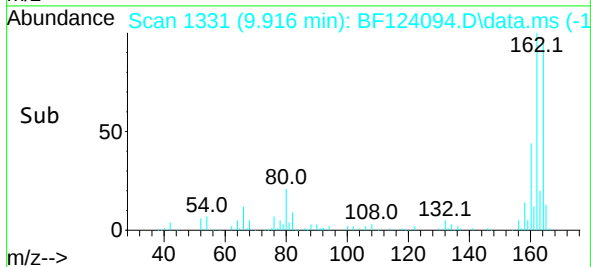
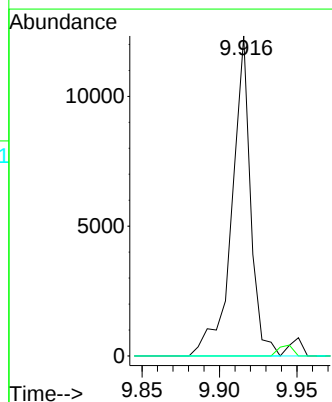
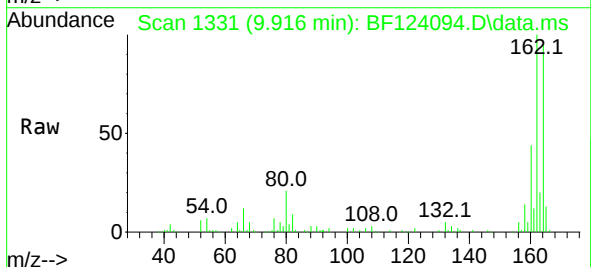
Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

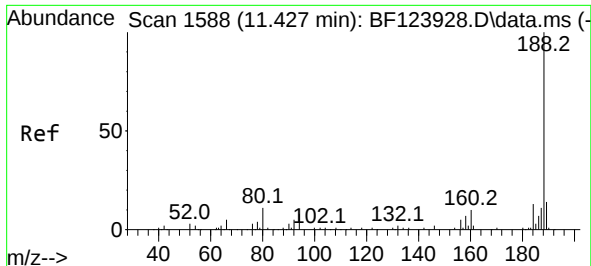
Tgt Ion:172 Resp: 51761
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 24.4 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 9.63 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.217 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion:165 Resp: 10321
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

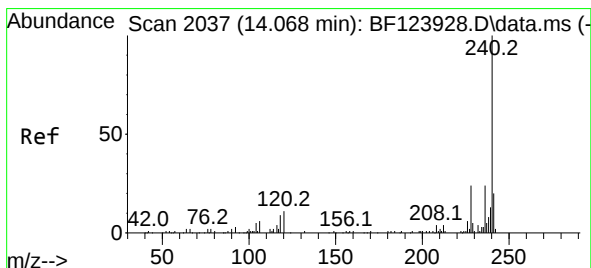
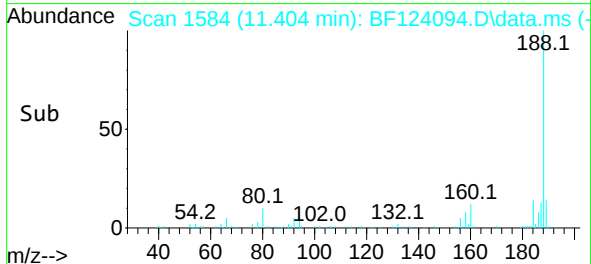
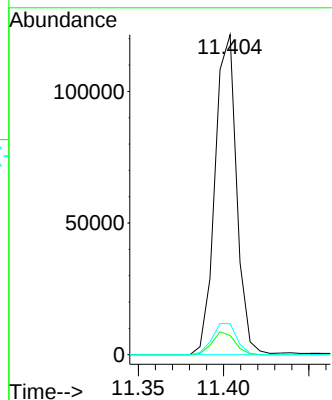
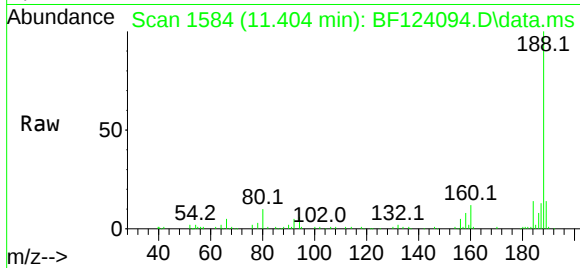




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

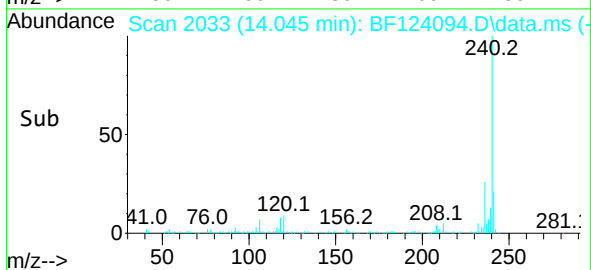
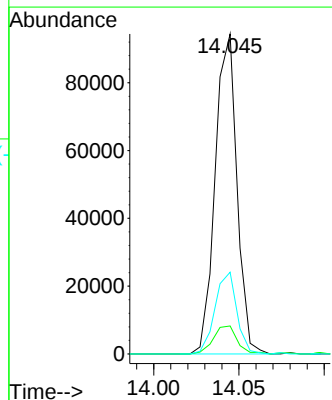
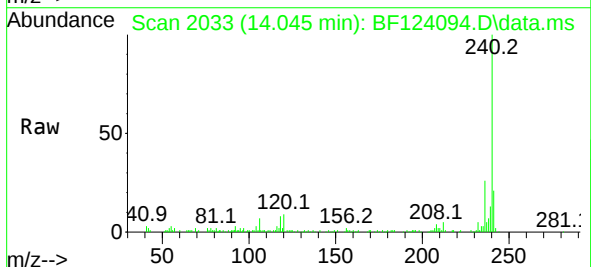
Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL

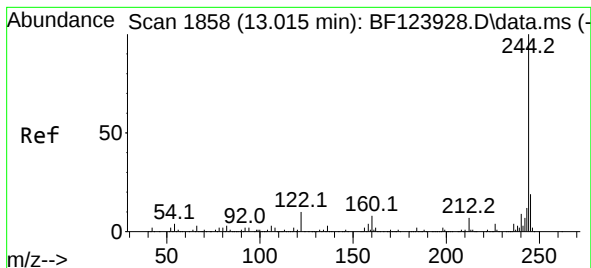
Tgt Ion:188 Resp: 107303
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 9.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Tgt Ion:240 Resp: 83791
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 25.5 19.0 28.4

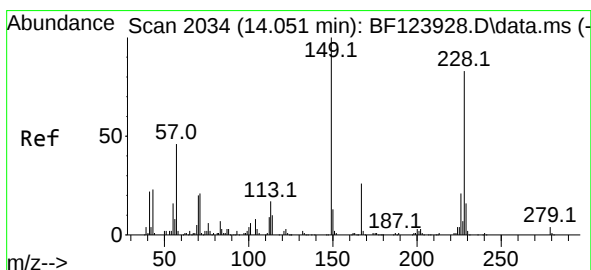
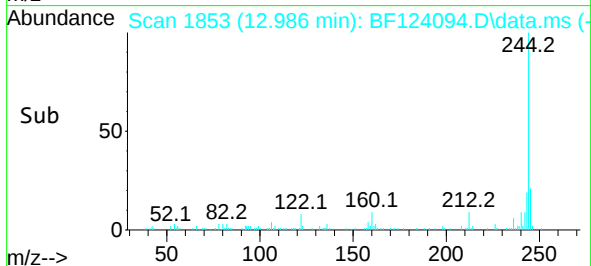
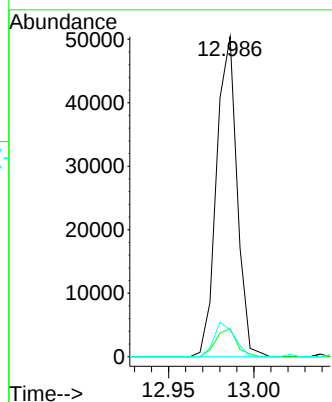
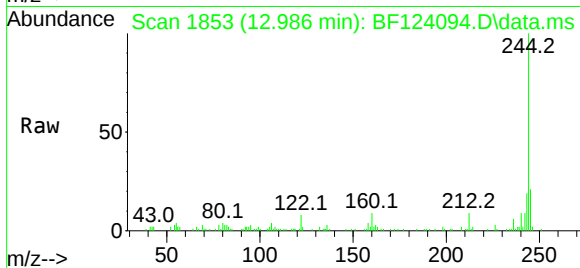




#79
 Terphenyl-d14
 Concen: 7.63 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124094.D
 Acq: 27 May 2021 16:08

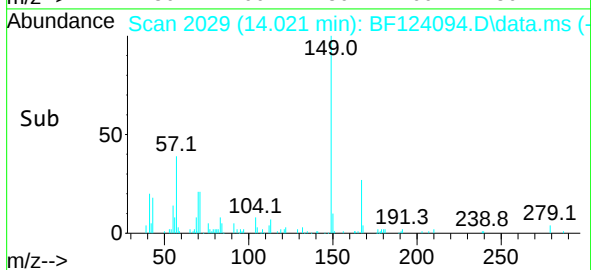
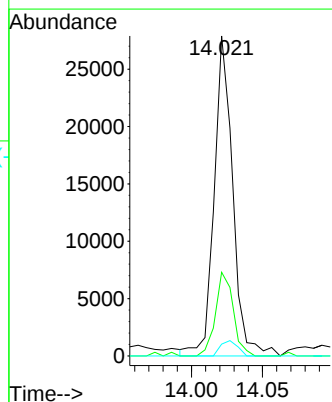
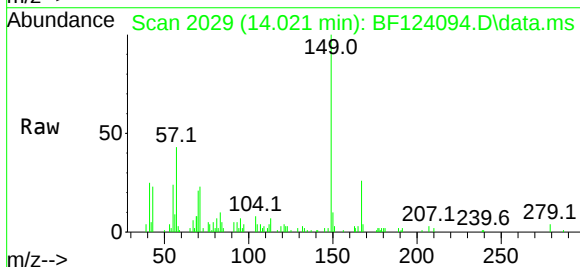
Instrument :
 BNA_F
 ClientSampleId :
 GHOST-2DDL

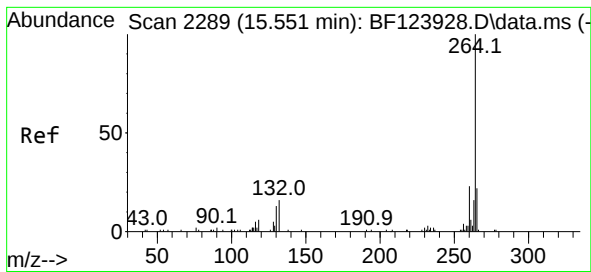
Tgt Ion:244 Resp: 42187
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.7 8.5#
 122 8.3 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.18 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: BF124094.D
 Acq: 27 May 2021 16:08

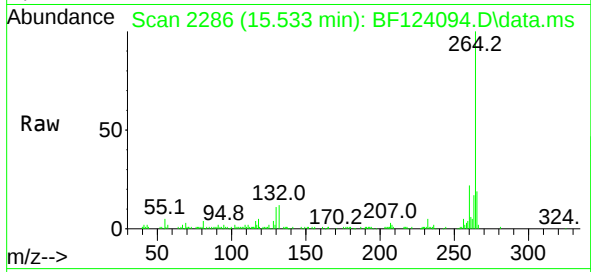
Tgt Ion:149 Resp: 25424
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.8 32.6
 279 3.7 3.3 4.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BF124094.D
Acq: 27 May 2021 16:08

Instrument :
BNA_F
ClientSampleId :
GHOST-2DDL



Tgt Ion:264	Resp:	99885
Ion Ratio	Lower	Upper
264	100	
260	22.5	18.7 28.1
265	19.1	17.8 26.8

